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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (previously presented): A process for synthesizing a microporous ITQ-16 material having an X-ray diffraction pattern with diffraction peaks at 2θ angles of 6.9° , 7.63° and 9.6° comprising the steps of:
 - a. providing a reaction mixture comprising a SI source, a Ge source, and an organic structure directing agent;
 - b. adding a source of hydroxide to obtain an initial pH between 14 and 9; and
 - c. heating the reaction mixture at a temperature between 80°C and 250°C.
- 2. (currently amended): A process according to claim 1, wherein the organic structure directing agent is selected from the group consisting of tetraalkylammonium organic cations having a general formula (R1R2R3R4N)*, wherein R1, R2, R3 and R4 may be alkyl or aromatic chains with 1 to 16 carbon atoms, and organic polycations having a general formula R_nN_x((CH₂)_n)_p wherein x is between 2 and 12, n refers to the number of carbon atoms forming alkyl chains bridge between two contiguously contiguous nitrogen atoms and is between 1 and 6, p refers to number of alkyl chain bridges between nitrogen atoms and is between 2 and 24, R represents alkyl or aryl groups bonded to a single nitrogen atom (N) containing between 1 and 12 carbon atoms and m is between 0 and 36-are used-as structure-directing agents.
- 3. (previously cancelled)
- · 4. (previously presented): A process according to claim 1, wherein the reaction mixture is heated to a temperature between 130° C. and 175° C.

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- 5. (previously presented): A process according to claim 1, wherein the pH of the initial reaction mixture is between 13 and 10.
- 6. (previously presented): A process according to claim 1, wherein the reaction mixture also contains a trivalent cation source.
- 7. (previously presented): A process according to claim 6, wherein the trivalent cation is selected from among Al, B, Fe and Cr.
- 8. (previously presented): A process according to claim 1, wherein the reaction mixture further comprises a tetravalent cation source other than Si and Ge.
- 9. (previously presented): A process according to claim 8, wherein the tetravalent cation is selected from the group consisting of Ti, Sn and V.
- 10. (previously presented): A process according to claim 1, wherein the organic structure directing agent is selected from the group represented in FIG. 4.
- 11. (currently amended): A process according to claim 1, wherein the organic structure directing agent is BD⁺, and wherein the reaction mixture has molar ratios within the following intervals:

 $BD^{+}/(SiO_2+GeO_2)$ =between 3 and 0.01.

 $H_2O/(SiO_2+GeO_2)$ =between 1000 and 0.5.

 $GeO_3/(SiO_2+GeO_2)$ $GeO_2/(SiO_2+GeO_2)$, defined as g_{1} =between 0.8 and 0.00 ε .

- 12. (previously presented): A process according to claim 11, wherein the molar ratio BD⁺/(SiO₂+GeO₂) is between 1 and 0.03.
- 13. (previously presented): A process according to claim 11, wherein the molar ratio $H_2O/(SiO_2+GeO_2)$ is between 100 and 2,
- 14. (currently amended): A process according to claim 11, wherein the molar ratio GeO_{2} - $\frac{1}{2}(SiO_2+GeO_2)$ is between 0.5 and 0.032.

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- 15. (currently amended): A process according to claim 11, wherein the molar ratio GeO₂-/(SiO₂+GeO₂) is between 0.333 and 0.625.
- 16. (previously presented): A process according to claim 11, wherein the reaction mixture further comprises at least one trivalent element X such that the molar ratio (Si+Ge)/X is at least 5.
- 17. (previously presented): A process according to claim 16, wherein the molar ratio (Si+Ge)/X is larger than 15.
- 18. (previously presented): A process according to claim 16, wherein the molar ratio (Si+Ge)/X is larger than 20.
- 19. (previously presented): A process according to claim 11, wherein the reaction mixture further comprises at least one tetravalent element, T, other than Ge and Si.
- 20. (currently amended): A process of according to claim 19, wherein the molar ratio SiO₂+GeO₂/TO₂ is at least 10.
- 21. (previously presented): A process according to claim 19, wherein the tetravalent element, T, is selected from the group consisting of Ti, Sn and V.
- 22. (previously presented): A process according to claim 19, wherein the molar ratio SiO₂+GeO₂/TO₂ in the reaction mixture is larger than 20.
- 23. (previously presented): A process according to claim 11, wherein the reaction mixture also comprises an alkali metal or alkaline earth metal cation, M^{+n} .
- 24. (previously presented): A process according to claim 23, wherein the alkali metal or alkaline earth metal cation is selected from the group consisting of Na, Ba, K, Ca and Mg.

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- 25. (previously presented): A process according to claim 23, wherein the molar ratio M^{+n}/SiO_2+GeO_2 is less than 2.
- 26. (previously presented): A process according to claim 23, wherein the molar ratio M^{+n}/SiO_2+GeO_2 is less than 1.
- 27. (currently amended): A process according to claim 23, wherein the molar ratio $M^{+2}M^{+n}/SiO_2+GeO_2$ is less than 0.5.
- 28. (previously presented): A process according to claim 1, further comprising roasting at a temperature higher than 450°C.
- 29. (currently amended): A process according to claim 28, wherein the roasting step yields a roasted and anhydrous material of an empirical formula: $x(MXO_2):fTO_2:gGeO_2(1-g)SiO_2$ wherein

T represents at least one tetravalent element, T, other than Ge and Si, X represents at least one element in a trivalent oxidation state, M represents at least one alkali metal or alkaline earth metal cation, the molar ratio $GeO_2/(SiO_2+GeO_2)$, defined as g_{12} is between 0.8 and 0.005, the molar ratio (Si+Ge)/X is at least 5, and the molar ratio SiO_2+GeO_2/TO_2 is at least 10.

- 30. (cancelled)
- 31. (previously cancelled)
- 32. (previously cancelled)
- 33. (previously cancelled)
- 34. (previously cancelled)

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52. (cancelled)

53. (cancelled)